

Attorney Docket No.: 9342-13  
Application No.: 10/519,822  
Filed: December 30, 2004  
Page 6 of 10

### IN THE CLAIMS

This claim set is to replace all prior versions.

1. (Previously presented) A communication terminal comprising:
  - a housing;
  - a user interface on a front side of the housing, said housing carrying therein a radio antenna element, a PCB comprising a ground plane extending longitudinally through the terminal behind said user interface;
  - a speaker; and
  - a chamber that acts as an electromagnetic resonance cavity for the antenna and as an acoustic resonance cavity for the speaker;
  - wherein said speaker is mounted inside said chamber, wherein said speaker is placed behind said PCB and completely behind said user interface as viewed from said front side, wherein sound is coupled from the speaker to a front outlet by means of an opening formed in said PCB at the speaker, a sound channel extending from said opening longitudinally in the terminal between said PCB and said user interface, past said speaker, to a bent portion leading the sound channel around an edge of said user interface at an end portion of the terminal, and wherein the sound channel extends from the bent portion to the channel front outlet substantially perpendicular to said front side.
2. (Previously presented) The communication terminal as recited in claim 1, wherein said sound channel further comprises a channel top outlet extending in a substantially longitudinal direction of the terminal at a top side of said housing.
3. (Previously presented) The communication terminal as recited in claim 1, wherein said user interface is a display.
4. (Previously presented) The communication terminal as recited in claim 1, wherein said user interface is a key pad.

Attorney Docket No.: 9342-13  
Application No.: 10/519,822  
Filed: December 30, 2004  
Page 7 of 10

5. (Previously presented) The communication terminal as recited in claim 1, wherein said ground plane defines a wall part of the chamber, through which wall part said sound channel front outlet extends.

6. (Previously presented) The communication terminal as recited in claim 1, wherein said chamber is sealed.

7. (Previously presented) The communication terminal as recited in claim 1, wherein said chamber has a substantially rectangular box shape.

8. (Previously presented) The communication terminal as recited in claim 1, wherein said antenna element comprises a substantially flat pattern of conductive material on a wall of said chamber.

9. (Previously presented) The communication terminal as recited in claim 1, wherein said speaker is configured to convey audio information to a terminal user.

10. (Previously presented) The communication terminal as recited in claim 1, wherein said speaker is configured to act as a ringer by transmitting a predetermined sound signal to bring a user's attention to the terminal.

11. (Previously presented) The communication terminal as recited in claim 1, wherein said speaker comprises a buzzer configured to act as a ringer by transmitting a predetermined sound signal to bring a user's attention to the terminal.

12. (Previously presented) The communication terminal as recited in claim 1, wherein said speaker is a multi mode actuator configured to act as a ringer and as a vibrator by transmitting predetermined sound signals or vibrations to bring a user's attention to the terminal.